

Converting Colors

CIELCh(87, 23.843, 61.070)

Have a look what the booklet for
CIELCh(87, 23.843, 61.070) contains.

CIELCh(87, 23.838, 60.893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(87, 23.838, 60.893)

Conversions

Conversions Part 1

Format	Color
Hex	FED1B3
RGB	254, 209, 179
RGB Percent	100%, 82%, 70%
CMY	0.0035, 0.1799, 0.2976
CMYK	0.00, 0.18, 0.30, 0.00
HSL	24°, 98%, 85%
HSV	24°, 30%, 100%
XYZ	71.8901, 70.0064, 52.4282
YIQ	219.0350, 36.4500, 0.2100

Conversions

Conversions Part 2

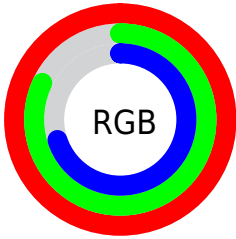
Format	Color
RYB	254, 229, 179
Decimal	16699827
CIELab	87.00, 11.60, 20.83
CIELCh	87, 23.838, 60.893
Yxy	70.0064, 0.3699, 0.3603
Android (android.graphics.Color)	4294889907 (0xFF FED1B3)
YUV	219.0350, -19.7373, 30.6643
Hunter-Lab	83.6698, 6.9471, 21.4173

Details

The CIELCh color **87, 23.838, 60.893** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 20.831, 248.026**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **67, 23.835, 61.904** is the 20% darker color. If you saturate the color by 10%, you get **83, 32.983, 59.954**, and if you desaturate by 10%, it is **91, 15.256, 61.879**.

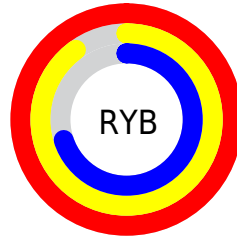
Distribution



Red (100%)

Green (82%)

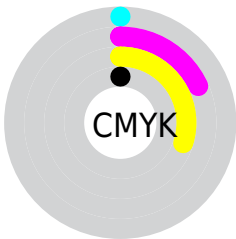
Blue (70%)



Red (100%)

Yellow (90%)

Blue (70%)

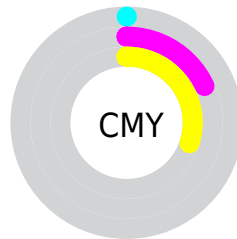


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 23.838, 60.893 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 87, 23.838, 60.893 by changing the saturation by 10% instead.

 87, 23.838, 60.893

 87, 23.838, 60.893

 100, 23.838,
60.893

 77, 23.838, 60.893

 67, 23.838, 60.893

 57, 23.838, 60.893

 47, 23.838, 60.893

 37, 23.838, 60.893

 27, 23.838, 60.893

 17, 23.838, 60.893

 7, 23.838, 60.893

 0, 23.838, 60.893

87, 23.838, 60.893

87, 23.838, 60.893

83, 32.983, 59.954

91, 15.256, 61.879

79, 42.693, 59.048

96, 7.205, 62.855

75, 52.902, 58.176

100, 0.269,
218.215

71, 63.404, 57.288

100, 0.307,
201.544

68, 73.712, 56.251

65, 82.825, 54.763

62, 89.532, 52.479

62, 89.837, 52.375

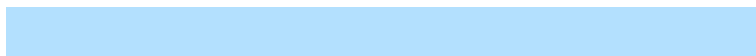
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87, 23.838, 60.893



87, 20.831, 248.026

Rectangle

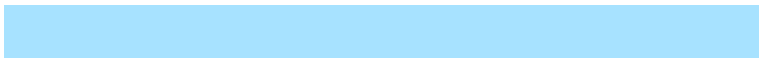
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 23.838, 60.893



87, 23.838, 110.893



87, 23.838, 240.893



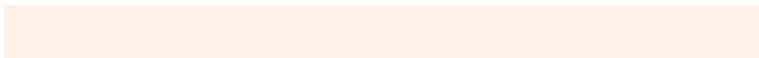
87, 23.838, 290.893

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87, 23.838, 60.901



96, 6.822, 62.903



81, 35.796, 341.080



51, 4.762, 62.766



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 23.838, 60.901



85, 28.863, 60.376



96, 34.269, 102.637



51, 4.316, 62.856



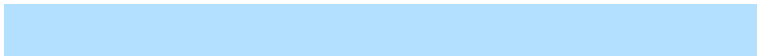
47, 72.142, 53.047



14, 27.462, 52.208

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



87, 20.831, 248.026



85, 24.504, 249.087



77, 36.255, 289.722



51, 4.155, 245.049



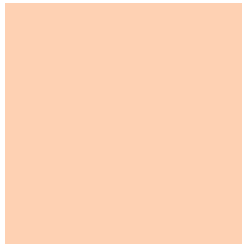
47, 47.555, 272.488



14, 19.901, 265.299

Previews

White Background



This preview shows how the CIELCh color 87, 23.838, 60.893 looks on a white background.

Color Contrast Check

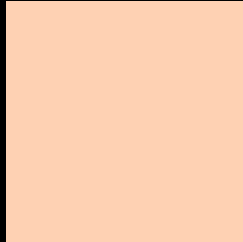
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 87, 23.838, 60.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

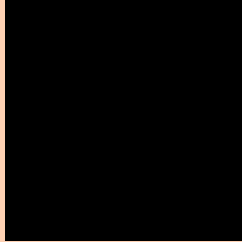
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 23.838, 60.893

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.838, 60.893.

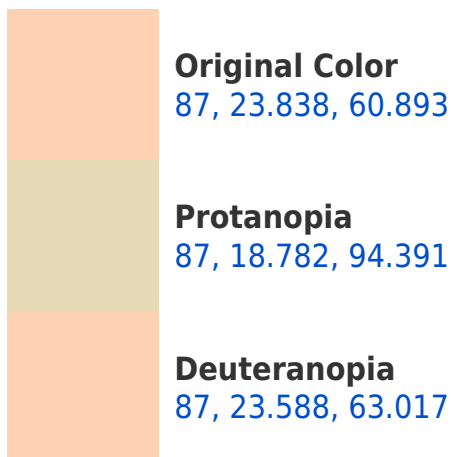


This preview shows how white text looks on a background with the CIELCh color 87, 23.838, 60.893.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
87, 19.763, 359.371

Trichromacy



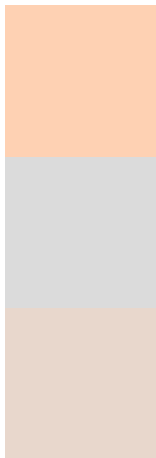
Original Color
87, 23.838, 60.893

Protanomaly
87, 19.603, 80.338

Deuteranomaly
87, 23.588, 63.017

Tritanomaly
87, 18.561, 23.961

Monochromacy



Original Color
87, 23.838, 60.893

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.540, 61.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.838, 60.893 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(254, 209, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 209, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.838, 60.893 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 209, 179) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 209, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 209, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(254, 209,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.838, 60.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 209, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
209, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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